



Sheet 1 of 2

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| Form 1449 | Atty. Docket No.: 1343.002US1 | Serial No. 09/847,042 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | Applicant: Michael R. Leadbetter et al. | |
| | Filing Date: May 1, 2001 | Group: 1646 1654 |

U.S. PATENT DOCUMENTS

| **Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|-----------------------|-----------------|------------|------------------|-------|----------|----------------|
| | | | | | | If Appropriate |
| JRL | 4,643,987 | 02/17/1987 | Nagarajan et al. | 514 | 8 | 08/14/85 |
| JRL | 4,698,327 | 10/06/1987 | Nagarajan et al. | 514 | 8 | 04/18/86 |
| JRL | 4,727,064 | 02/23/1988 | Pitha | 514 | 58 | 05/29/85 |
| JRL | 4,983,586 | 01/08/1991 | Bodor | 514 | 58 | 03/29/88 |
| JRL | 5,591,714 | 01/07/1997 | Nagarajan et al. | 514 | 9 | 10/13/94 |
| JRL | 5,602,112 | 02/11/1997 | Rubinfeld | 514 | 58 | 08/26/94 |
| JRL | 5,750,509 | 05/12/1998 | Malabarba et al. | 514 | 11 | 04/30/96 |
| JRL | 5,840,684 | 11/24/1998 | Cooper et al. | 514 | 11 | 03/24/95 |
| JRL | 5,916,873 | 06/29/1999 | Cooper et al. | 514 | 9 | 04/01/98 |

FOREIGN PATENT DOCUMENTS

| **Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
|-----------------------|-----------------|------------|----------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| JRL | 00/39156 | 07/06/2000 | PCT | C07K | 9/00 | | |
| JRL | 00/59528 | 10/12/2000 | PCT | A61K | 38/08 | | |
| JRL | 0667353 | 08/16/1995 | European | C07K | 9/00 | | |
| JRL | 0816378 | 01/07/1998 | European | C07K | 9/00 | | |
| JRL | 2000-302687 | 10/31/2000 | Japan | A61K | 31/785 | X | |

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| JRL | Allen, N.E., et al., "The Role of Hydrophobic Side Chains as Determinants of Antibacterial Activity of Semisynthetic Glycopeptide Antibiotics", <u>The Journal of Antibiotics</u> , 50 (8), pp. 677-684, (Aug. 1997) |
| JRL | Daisuke, U., et al., "Antimicrobial Oligomer and Antibiotic", <u>ISTA Translation of JP 2000-302687</u> , 21 p., (Oct. 31, 2000) |
| JRL | Ge, M., et al., "Vancomycin Derivatives That Inhibit Peptidoglycan Biosynthesis Without Binding", <u>Science</u> , 284, pp. 507-511, (April 16, 1999) |
| JRL | Malabarba, A., et al., "New Semisynthetic Glycopeptides MDL 63,246 and MDL 63,042, and Other Amide Derivatives of Antibiotic A-40,926 Active against Highly Glycopeptide-resistant VanA Enterococci", <u>The Journal of Antibiotics</u> , 48 (8), pp. 869-883, (Aug. 1995) |
| JRL | Nagarajan, R., et al., "Synthesis and Antibacterial Evaluation of N-Alkyl Vancomycins", <u>The Journal of Antibiotics</u> , XLII (1), pp. 63-72, (Jan. 1989) |
| JRL | Nicolaou, K.C., et al., "Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics", <u>Angew. Chem. Int. Ed.</u> , 38, pp. 2097-2152, (1999) |

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|-----------------------------------|--|
| Examiner <u>Jeffrey E. Russel</u> | Date Considered <u>October 3, 2002</u> |
|-----------------------------------|--|

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| | Filing Date: May 1, 2001 | Group: 4646 1653 |

OTHER DOCUMENTS

**Examiner
Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----|--|
| JRL | Pavlov, A.Y., et al., "A New Type of Chemical Modification of Glycopeptides Antibiotics: Aminomethylated Derivatives of Eremomycin and Their Antibacterial Activity", <u>The Journal of Antibiotics</u> , 50 (6), pp. 509-513, (June 1997) |
| JRL | Pavlov, A.Y., et al., "Chemical Modification of Glycopeptide Antibiotics [VC1]", <u>Russian Journal Of Bioorganic Chemistry</u> , 24 (9), pp. 570-587, (1998) |
| JRL | Pavlov, A.Y., et al., "Mono and Double Modified Teicoplanin Aglycon Derivatives on the Amino Acid No. 7; Structure-activity Relationship", <u>The Journal of Antibiotics</u> , 51 (1), pp. 73-78, (Jan. 1998) |
| JRL | Zhang, M., et al., "A review of recent applications of cyclodextrins for drug discovery", <u>Expert Opinion on Therapeutic Patents</u> , 9 (12), 21 p., (1999) |

| | |
|-----------------------------------|--|
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|-----------------------------------|--|

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|----------------------|----------------------|
| Application Number | 09/847042 |
| Filing Date | May 1, 2001 |
| First Named Inventor | Leadbetter, Michael |
| Group Art Unit | 1646 1653 |
| Examiner Name | Unknown |

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Attorney Docket No: 01343.002US1

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US PATENT DOCUMENTS

| Examiner Initial * | USP Document Number | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | Filing Date If Appropriate |
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|
|--------------------|---------------------|------------------|---|-------|----------|----------------------------|

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Foreign Document No | Publication Date | Name of Patentee or Applicant of cited Document | Class | Subclass | T ² |
|--------------------|---------------------|------------------|---|-------|----------|----------------|
| JER | WO-00/54751 | 09/21/2000 | Berndt, Gunther, et al | | | |
| JER | WO-01/83520 | 11/08/2001 | Linsell, Martin S., et al | | | |
| JER | WO-01/97851 | 03/13/2002 | Choi, Seung-Ho, et al | | | |
| JER | WO-01/98326 | 12/27/2001 | Mu, YongQi | | | |
| JER | WO-01/98327 | 12/27/2001 | Linsell, Martin, et al | | | |
| JER | WO-01/98329 | 12/27/2001 | Yang, Guang, et al | | | |
| JER | WO-94/12217 | 06/09/1994 | Tsao, Sheng-Wan, et al | | | |

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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Atty. Docket No.: 1343.002US1

Serial No. 09/847,042

INFORMATION DISCLOSURE STATEMENT
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Group: ~~1646~~/659

U.S. PATENT DOCUMENTS

| **Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|-----------------------|-----------------|------------|-------------|-------|----------|----------------|
| | | | | | | If Appropriate |
| <i>JSK</i> | 5,024,998 | 06/18/1991 | Bodor, N.S. | 514 | 58 | 12/11/89 |

FOREIGN PATENT DOCUMENTS

| **Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
|-----------------------|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |

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| | | | | | | If Appropriate |

FOREIGN PATENT DOCUMENTS

| **Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
|-----------------------|-----------------|------------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| <i>JS</i> | 00/04044 | 01/27/2000 | PCT | C07K | 7/50 | | |

OTHER DOCUMENTS

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